



Notes:

- The heartbeat and vacuum signals from Ion Source Controller PLC are transistor and relay contact signals respectively.
- RFQ water fittings are Swagelok fittings SS-12-TSW-7-12.
- The motorized tuners do not have position read backs.
- The heliax cables will be approx. 121 feet long.
- The cables connections from the RF pickups on the RFQ to the 4-way combiners are phased matched.
- F/T sensors are flowmeters with temperature and flow monitoring capability.